NDK200-1A Sample Concentrator (96-gas-needles)

Concentrator Series

Introduction

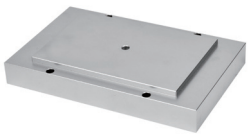
Sample Concentrator (96-gas-needles)is mainly used for concentrating or preparing sample in batch. Such as drug screening, hormone analysis, liquid phase and mass spectrometry in the analysis of sample preparation. It works by blowing nitrogen in the surface of sample which is being heated to accelerate evaporating and separating the solvent in the samples without oxygen.

Feature

1. The heater heats the sample rapidly to the evaporation temperature, and at the same time, the gas is blown to the surface of the solution through the gas needle, which promotes rapid evaporation of the solution and concentration of the sample.
2. The height of the air cavity can be adjusted. The length of a standard gas needle is 80mm.
3. The entire equipment can be put into ventilation cabinet when the concentration sample in toxic solvents.
4. Built in overheat protection, automatic fault detection and fault beep alarm devices.
5. LED displays immediate temperature and diminishing time. Operation is simple and

Accessories

DT17



DT18

NDK-GV
Gas Control Valve

Cat#	Spec	Dia. of hole	Hole bottom shape	Block dimension
DT17	0.2ml x96	6.7mm	Cone bottom	95.5 x 153.5 x 33.5mm
DT18	Flat bottom plates	Top size 76x 116 x 4mm	Flat plate block	95.5 x 153.5 x 22.5mm

Notice：User can choose any block from DT17 or DT18 and block can be changed easliy. Optional flow regulating valve.

Parameter

Model	NDK200-1A	Gas-in Joint Outer Diameter	Φ7mm
Temp. Control Range	R.T.+5℃~150℃	Nitrogen Pressure	≤0.1MPa
Temp. Setting Range	5℃~150℃	Nitrogen Flow Rate	0 ~10L/min
Temp. Stability@40~100℃	±0.5 ℃	Needle Length	80mm
Temp. Stability@100~150℃	±1 ℃	Sample Capacity	1 Standard Plate Block
Block Temp. Uniformity@100℃	±0.5 ℃	Voltage	AC 220V/AC 110V, 50/60Hz
Block Temp. Uniformity@150℃	±1 ℃	Power	400W
Temp. Display Accuracy	0.1 ℃	Fuse	250V, 3A/6A, Φ5×20
Heating Speed	≤30min (40℃ to 150℃)	Dimension (WxDxH)	W.220 x D.260 x H.445mm
Time Range	1min ~99h59min	Net Weight	5.5kgs
Air cavity Max. Lift Stroke	275mm		